

Patent Application of Nikolai A. Beloreshki and Temenuzhka B. Beloreshka
Double Joints Pavement System
Page 13

AMENDMENTS TO THE CLAIMS

Please amend the Claims as follows:

CLAIMS

We claim:

1. (Currently Amended) A reinforcing beam for use between adjacent concrete or asphalt slabs, said reinforcing beam comprised of a rigid material, said beam having a vertical cross-section comprising:

an isosceles trapezoid having a bottom base of pre-determined length and a top base of pre-determined length opposite said bottom base, said bottom base length being greater than said top base length;

a rectangle above said isosceles trapezoid and joined to said top base along a rectangle base of pre-determined length, said rectangle base length being not greater than said top base length;

said isosceles trapezoid further comprises a first slanted side connecting said top base to said bottom base, and said first slanted side comprises a first water stop;

wherein said water stop comprises a horizontal groove and a bituminous or sheet water barrier.

2. (Cancelled)

3. A method of using a pavement joint system for use in concrete and asphalt pavement comprising, a plurality of joint filler implements comprised of a rigid material, said plurality of joint filler implements being arranged in parallel rows, wherein parallel

Patent Application of Nikolai A. Beloreshki and Temenuzhka B. Beloreshka
Double Joints Pavement System
Page 14

strips of pavement material may be filled into spaces between said plurality of joint filler implements.

4. The reinforcing beam as described in Claim 1 in which said rigid material comprises concrete.

5. (Cancelled)

6. The reinforcing beam as described in Claim 1 in which said isosceles trapezoid further comprises a second slanted side opposite said first slanted side and connecting said top base to said bottom base, and

said second slanted side comprises a second water stop.

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. The method as described in Claim 3 in which said rigid material comprises concrete.

13. (Currently Amended) The method as described in Claim 3, in which the joint filler implement comprises a reinforcing beam having a vertical cross-section comprising:

an isosceles trapezoid having a bottom base of pre-determined length and a top base of pre-determined length opposite said bottom base, said bottom base length being greater than said top base length;

Patent Application of Nikolai A. Beloreshki and Temenuzhka B. Beloreshka
Double Joints Pavement System
Page 15

a rectangle above said isosceles trapezoid and joined to said top base along a rectangle base of pre-determined length, said rectangle base length being not greater than said top base length;

said isosceles trapezoid further comprises a first slanted side connecting said top base to said bottom base, and said first slanted side comprises a first water stop;

wherein said water stop comprises a horizontal groove and a bituminous or sheet water barrier.

14. (Cancelled)